EAST SEARCH

5/31/05

L#	Hits	Search String	Databases
S1	6	6,240,399.pn. or "6,236,894".pn. or "6,128,607".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S2	21193	phamacodynamic or pharmacokinetic	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S3	619	(phamacodynamic or pharmacokinetic) near2 model$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S4	1248	(optimal or "near optimal") near2 model$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S5	1863	S1 or S3 or S4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S6	233	S5 and (mathematical near2 model$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S7	1863	S5 or S6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S8	2	S7 and ("search space" with dimensions)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S9	2	S7 and ("mutually exclusive" with dimensions)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S10	49	S7 and ("search space")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S11	150	S7 and ("mutually exclusive")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S12	602	S7 and (dimensions)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S13	656	S8 or S9 or S10 or S11 or S12	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S14	1	S13 and "full grid search"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S15	33	S13 and "simulated annealing"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S16	18	S13 and "integer programming"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S17	1	S13 and "scatter search"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S18	1	S13 and "path relinking"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S19	114	S13 and (neural near2 network$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S20	2	S13 and ("tabu search")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S21	52	S13 and ("genetic algorithm")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S23	2	S13 and (NONMEM or NMTRAN)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S24	6	S13 and (control near2 file$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S26	1	S13 and ((control near2 file$1) with template$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S28	1	S13 and ("log likelihood" with penalty)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S29	2	S7 and ("log likelihood" with penalty)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S30	12	("log likelihood" with penalty)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S32	1	S31 and (("variance matrix" or minimization or "standard errors" or "correlation matrix" or "nich	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S34	19	S21 and ("bit string" or fitness or (scal$3 with fitness) or (select$3 with (replacement or parents	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S35	19	S21 and ((initial or random) with population)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S36	25	S21 and ((individual with generation) or (goodness near2 fit) or (cost$1 with attribute$1) or pars	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S38	462	S7 and ((pharmacokinetic with compartment$1) or (non-linear with elimination) or (non-linear w	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S41	1	S7 and "full grid search"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S22	147	S14 or S15 or S16 or S17 or S18 or S19 or S20 or S21	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S25	7	S23 or S24	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S27	2	S7 and ((control near2 file$1) with template$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB

S31	12	S28 or S29 or S30	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S33	5	S31 and ("variance matrix" or minimization or "standard errors" or "correlation matrix" or "niche	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S43	21	log likelihood same ("variance matrix" or minimization or "standard errors" or "correlation matri	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S37	29	S34 or S35 or S36	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S39	130	S38 and S13	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S40	24	S15 and ((initial with temperature) or tolerance or minimization or (initial with energy) or (higher	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S44	30	S15 and ((initial with temperature) or tolerance or minimization or (initial with energy) or (higher	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S45	2352	simulated annealing	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S46	86	S45 and ("initial temperature")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S47	24	S46 and ((higher or model) with energy)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S48	24	S47 and (Boltzman$1 or probability)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S49	6	6,240,399.pn. or "6,236,894".pn. or "6,128,607".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S50	619	(phamacodynamic or pharmacokinetic) near2 model$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S51	1248	(optimal or "near optimal") near2 model$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S52	1863	S49 or S50 or S51	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S53	233	S52 and (mathematical near2 model$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S54	1863	S52 or S53	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S55	2	S54 and ("search space" with dimensions)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S56	2	S54 and ("mutually exclusive" with dimensions)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S57	49	S54 and ("search space")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S58	150	S54 and ("mutually exclusive")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S59	602	S54 and (dimensions)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S60	656	S55 or S56 or S57 or S58 or S59	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S61	1	S60 and "scatter search"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S62	12	("log likelihood" with penalty)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S63	10	S54 and (NONMEM or NMTRAN)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S64	6	6,240,399.pn. or "6,236,894".pn. or "6,128,607".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S65	619	(phamacodynamic or pharmacokinetic) near2 model$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S66	1249	(optimal or "near optimal") near2 model$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S67	1864	S64 or S65 or S66	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S68	233	S67 and (mathematical near2 model$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S69	1864	S67 or S68	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S70	2	S69 and ("search space" with dimensions)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S71	2	S69 and ("mutually exclusive" with dimensions)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S72	49	S69 and ("search space")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S73	150	S69 and ("mutually exclusive")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S74	603	S69 and (dimensions)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S75	657	S70 or S71 or S72 or S73 or S74	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S76	52	S75 and ("genetic algorithm")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S77	12	S76 and ("upper limit" or "lower limit" or (scal$3 with fitness))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S78	1	S76 and (scal$3 with fitness)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S79	81	genetic algorithm and (scal$3 with fitness)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S80	36	genetic algorithm and (scal$3 near2 fitness)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB

S81	1	genetic algorithm and ((scal$3 near2 fitness) with (limit$1 or bound$1))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S82	19	genetic algorithm and (scaling with fitness)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S83	3	S76 and (goodness near2 fit)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S84	49	genetic algorithm and (goodness near2 fit)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S85	23	genetic algorithm and ("log likelihood")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S86	2	S84 and S85	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S87	619	(phamacodynamic or pharmacokinetic) near2 model$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S88	5	S87 and "simulated annealing"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S89	6	S87 and ("genetic algorithm")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S90	10	S88 or S89	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S91	6	6,240,399.pn. or "6,236,894".pn. or "6,128,607".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S92	682	(phamacodynamic or pharmacokinetic) near2 model$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S93	1384	(optimal or "near optimal") near2 model$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S94	2061	S91 or S92 or S93	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S95	259	S94 and (mathematical near2 model$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S96	2061	S94 or S95	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S97	2	S96 and ("search space" with dimensions)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S98	2	S96 and ("mutually exclusive" with dimensions)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S99	55	S96 and ("search space")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S100	157	S96 and ("mutually exclusive")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S101	667	S96 and (dimensions)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S102	726	S97 or S98 or S99 or S100 or S101	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S103	1	S102 and "full grid search"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S104	38	S102 and "simulated annealing"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S105	18	S102 and "integer programming"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S106	1	S102 and "scatter search"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S107	1	S102 and "path relinking"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S108	126	S102 and (neural near2 network$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S109	2	S102 and ("tabu search")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S110	55	S102 and ("genetic algorithm")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S112	3	S102 and (NONMEM or NMTRAN)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S113	8	S102 and (control near2 file$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S114	10	S112 or S113	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S115	1	S102 and ("log likelihood" with penalty)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S116	2	S96 and ("log likelihood" with penalty)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S117	13	("log likelihood" with penalty)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S118	13	S115 or S116 or S117	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S119	22	S110 and ("bit string" or fitness or (scal$3 with fitness) or (select$3 with (replacement or paren	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S120	20	S110 and ((initial or random) with population)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S121	26	S110 and ((individual with generation) or (goodness near2 fit) or (cost$1 with attribute$1) or pa	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S122	32	S119 or S120 or S121	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S123	34	S104 and ((initial with temperature) or tolerance or minimization or (initial with energy) or (highe	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S124	2622	simulated annealing	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB

S125	93	S124 and ("initial temperature")		US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S126	24	S125 and ((higher or model) with energy)		US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S127	24	S126 and (Boltzman$1 or probability)		US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S128	7	S96 and ("mutually exclusive" near2 set$1)		US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S129	2	S96 and ("mutually exclusive" near2 feature$1)		US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S130	7	S128 or S129		US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S131	1	S96 and ("mutually exclusive" near2 decision$1)		US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S132	1	S96 and ("mutually exclusive" near2 option$1)		US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S133	2	S96 and ("mutually exclusive" near2 parameter$1)		US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S134	3	S96 and ("mutually exclusive" near2 alternative$1)		US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S135	6	S131 or S132 or S133 or S134		US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S136	14309	(mathematical near2 model$1)		US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S137	16105	S92 or S93 or S136		US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S138	61	S137 and ("mutually exclusive" near2 (set$1 or feature$1 or decision$1 or option$1 or parame		US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S139	702	combinatorial near2 problem$1		US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S140	46	S139 and "mutually exclusive"		US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S141	6	6,240,399.pn. or "6,236,894".pn. or "6,128,607".pn.		US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S142	682	(phamacodynamic or pharmacokinetic) near2 model$1		US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S143	1384	(optimal or "near optimal") near2 model$1		US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S144	2061	S141 or S142 or S143		US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S145	259	S144 and (mathematical near2 model$1)		US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S146	2061	S144 or S145		US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S147	2	S146 and ("search space" with dimensions)		US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S148	2	S146 and ("mutually exclusive" with dimensions)		US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S149	55	S146 and ("search space")		US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S150	157	S146 and ("mutually exclusive")		US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S151	667	S146 and (dimensions)		US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S152	726	S147 or S148 or S149 or S150 or S151		US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S153	1	S152 and "full grid search"		US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S154	38	S152 and "simulated annealing"		US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S155	18	S152 and "integer programming"		US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S156	1	S152 and "scatter search"		US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S157	1	S152 and "path relinking"		US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S158	126	S152 and (neural near2 network$1)		US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S159	2	S152 and ("tabu search")		US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S160	55	S152 and ("genetic algorithm")		US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S161	161	S153 or S154 or S155 or S156 or S157 or S158 or S159 or S160		US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S162	2		20030088320	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB

Results of search set S161:

Document	Kind Codes	Title	Issue Date	Current OR	Abstract
US 20050111621	A1	Planning system, method and apparatus for conformal radiation therapy	20050526	378/65	
US 20050100209	A1	Self-optimizing classifier	20050512	382/159	
US 20050096950	A1	Method and apparatus for creating and evaluating strategies	20050505	705/7	
US 20050084907	A1	Methods, systems, and software for identifying functional biomolecules	20050421	435/7.1	
US 20050069162	A1	Binaural adaptive hearing aid	20050331	381/312	
US 20050065421	A1	System and method of measuring disease severity of a patient before, during and after treatm	20050324	600/407	
US 20050061967	A1	Pattern recognition of whole cell mass spectra	20050324	250/288	
US 20050053999	A1	Method for predicting G-protein coupled receptor-ligand interactions	20050310	435/6	
US 20050043894	A1	Integrated biosensor and simulation system for diagnosis and therapy	20050224	702/19	
US 20040230105	A1	Adaptive prediction of changes of physiological/pathological states using processing of biomed	20041118	600/301	
US 20040221163	A1	Pervasive, user-centric network security enabled by dynamic datagram switch and an on-deme	20041104	713/182	
US 20040209237	A1	Methods and apparatus for characterization of tissue samples	20041021	435/4	
US 20040208390	A1	Methods and apparatus for processing image data for use in tissue characterization	20041021	382/260	
US 20040208385	A1	Methods and apparatus for visually enhancing images	20041021	382/254	
US 20040207625	A1	Methods and apparatus for displaying diagnostic data	20041021	345/440	
US 20040206914	A1	Methods and apparatus for calibrating spectral data	20041021	250/458.1	
US 20040206913	A1	Methods and apparatus for characterization of tissue samples	20041021	250/458.1	
US 20040206882	A1	Methods and apparatus for evaluating image focus	20041021	250/201.2	
US 20040199481	A1	Bayesian neural networks for optimization and control	20041007	706/21	
US 20040199334	A1	Method for generating a quantitative structure property activity relationship	20041007	702/27	
US 20040199307	A1	Diagnostic system and method for enabling multistage decision optimization for aircraft prefligh	20041007	701/29	
US 20040193473	A1	Effective security scheduler	20040930	705/9	
US 20040181498	A1	Constrained system identification for incorporation of a priori knowledge	20040916	706/45	
US 20040181441	A1	Model-based and data-driven analytic support for strategy development	20040916	705/7	
US 20040180322	A1	Regional intestinal permeability model	20040916	435/4	
US 20040175039	A1	Viewpoint-invariant image matching and generation of three-dimensional models from two-dim	20040909	382/181	
US 20040167721	A1	Optimal fitting parameter determining method and device, and optimal fitting parameter determ	20040826	702/20	
US 20040165696	A1	Systems and methods for global optimization of treatment planning for external beam radiation	20040826	378/65	
US 20040162638	A1	System, method and apparatus for organizing groups of self-configurable mobile robotic agent	20040819	700/247	
US 20040161796	A1	Methods, systems, and software for identifying functional biomolecules	20040819	435/7.1	
US 20040153249	A1	System, software and methods for biomarker identification	20040805	702/19	
US 20040137436	A1	Method for measuring drug resistance	20040715	435/6	
US 20040111197	A1	DIAGNOSTIC SYSTEM AND METHOD FOR ENABLING MULTISTAGE DECISION OPTIMIZA	20040610	701/29	
US 20040110209	A1	Method for predicting transcription levels	20040610	435/6	
US 20040107080	A1	Method for modelling customised earpieces	20040603	703/6	
US 20040073319	A1	Method for controlling and driving a technical process	20040415	700/14	
US 20040072245	A1	Methods, systems, and software for identifying functional biomolecules	20040415	435/7.1	
US 20040039530	A1	Pharmacokinetic tool and method for predicting metabolism of a compound in a mammal	20040226	702/19	
US 20040032408	A1	Recognition model generation and structured mesh generation system and method	20040219	345/420	
US 20040030667	A1	Automated systems and methods for generating statistical models	20040212	707/1	

US 20040029129 A1	Identification of essential genes in microorganisms	20040212 435/6
US 20040015461 A1	Risk-averting method of training neural networks and estimating regression models	20040122 706/25
US 20040010375 A1	Methods and apparatus for processing spectral data for use in tissue characterization	20040115 702/19
US 20040009536 A1	System and method for predicting adme/tox characteristics of a compound	20040115 435/7.2
US 20040002930 A1	Maximizing mutual information between observations and hidden states to minimize classificati	20040101 706/46
US 20030215786 A1	Methods and systems for the identification of components of mammalian biochemical networks	20031120 435/4
US 20030211486 A1	Compositions and methods for detecting polymorphisms associated with pigmentation	20031113 435/6
US 20030208289 A1	Method of recognition of human motion, vector sequences and speech	20031106 700/61
US 20030200189 A1	Automatic neural-net model generation and maintenance	20031023 706/26
US 20030187585 A1	Method and system to build optimal models of 3-dimensional molecular structures	20031002 702/19
US 20030167454 A1	Method of and system for providing metacognitive processing for simulating cognitive tasks	20030904 717/104
US 20030162301 A1	Method and system for classifying a biological sample	20030828 436/172
US 20030143520 A1	Gene discovery for the system assignment of gene function	20030731 435/4
US 20030139957 A1	Method of rule constrained statistical pattern recognition	20030724 705/7
US 20030138077 A1	Systems and methods for global optimization of treatment planning for external beam radiation	20030724 378/65
US 20030102628 A1	Impact energy absorbing structure	20030605 273/348
US 20030100974 A1	Optimal operation of a power plant	20030529 700/286
US 20030095692 A1	Method and system for lung disease detection	20030522 382/128
US 20030088320 A1	Unsupervised machine learning-based mathematical model selection	20030508 700/30
US 20030084157 A1	Tailorable optimization using model descriptions of services and servers in a computing enviror	20030501 709/226
US 20030083947 A1	System, method and computer program product for governing a supply chain consortium in a s	20030501 705/22
US 20030074250 A1	System, method and computer program product for collaborative forecasting in a supply chain	20030417 705/10
US 20030069774 A1	System, method and computer program product for distributor/supplier selection in a supply ch	20030410 705/8
US 20030046401 A1	Dynamically determing appropriate computer user interfaces	20030306 709/228
US 20030018513 A1	System, method and computer program product for benchmarking in a supply chain managerr	20030123 705/10
US 20020196975 A1	Population mixture modeling with an indeterminate number of sub-populations	20021226 382/171
US 20020186874 A1	METHOD AND MEANS FOR IMAGE SEGMENTATION IN FLUORESCENCE SCANNING CY	20021212 382/133
US 20020156663 A1	Shipping and transportation optimization system and method	20021024 705/7
US 20020107858 A1	Method and system for the dynamic analysis of data	20020808 707/100
US 20020107599 A1	Method and system for dispatching semiconductor lots to manufacturing equipment for fabricat	20020808 700/99
US 20020091664 A1	Methods for measuring therapy resistance	20020711 707/1
US 20020061569 A1	Identification of essential genes in prokaryotes	20020523 435/183
US 20020054293 A1	Method of and device for inspecting images to detect defects	20020509 356/430
US 20010028731 A1	Canonical correlation analysis of image/control-point location coupling for the automatic locatioı	20011011 382/118
US 20010010090 A1	Method for design optimization using logical and physical information	20010726 716/2
US 6879973 B2	Automated diagnosis of printer systems using bayesian networks	20050412 706/52
US 6865567 B1	Method of generating attribute cardinality maps	20050308 707/2
US 6839581 B1	Method for detecting Cheyne-Stokes respiration in patients with congestive heart failure	20050104 600/324
US 6834237 B2	Method and system for classifying a biological sample	20041221 702/19
US 6813532 B2	Creation and display of indices within a process plant	20041102 700/108
US 6804381 B2	Method of and device for inspecting images to detect defects	20041012 382/111
US 6795798 B2	Remote analysis of process control plant data	20040921 702/188
US 6795567 B1	Method for efficiently tracking object models in video sequences via dynamic ordering of featur	20040921 382/103

US 6792399 B1	Combination forecasting using clusterization	20040914	703/2
US 6757579 B1	Kalman filter state estimation for a manufacturing system	20040629	700/108
US 6751536 B1	Diagnostic system and method for enabling multistage decision optimization for aircraft prefligh	20040615	701/29
US 6750866 B1	Method and system for dynamically filtering the motion of articulated bodies	20040615	345/474
US 6743576 B1	Database system for predictive cellular bioinformatics	20040601	435/4
US 6738716 B1	Database system for predictive cellular bioinformatics	20040518	702/19
US 6735566 B1	Generating realistic facial animation from speech	20040511	704/256
US 6725208 B1	Bayesian neural networks for optimization and control	20040420	706/23
US 6697657 B1	Method and devices for laser induced fluorescence attenuation spectroscopy (LIFAS)	20040224	600/323
US 6671661 B1	Bayesian principal component analysis	20031230	703/2
US 6658467 B1	Provision of informational resources over an electronic network	20031202	709/224
US 6658396 B1	Neural network drug dosage estimation	20031202	706/17
US 6636862 B2	Method and system for the dynamic analysis of data	20031021	707/101
US 6631331 B1	Database system for predictive cellular bioinformatics	20031007	702/19
US 6628821 B1	Canonical correlation analysis of image/control-point location coupling for the automatic locatio	20030930	382/155
US 6618490 B1	Method for efficiently registering object models in images via dynamic ordering of features	20030909	382/103
US 6615141 B1	Database system for predictive cellular bioinformatics	20030902	702/19
US 6606615 B1	Forecasting contest	20030812	706/45
US 6601051 B1	Neural systems with range reducers and/or extenders	20030729	706/23
US 6597801 B1	Method for object registration via selection of models with dynamically ordered features	20030722	382/103
US 6584456 B1	Model selection in machine learning with applications to document clustering	20030624	706/45
US 6584369 B2	Method and system for dispatching semiconductor lots to manufacturing equipment for fabricat	20030624	700/100
US 6581048 B1	3-brain architecture for an intelligent decision and control system	20030617	706/23
US 6574279 B1	Video transcoding using syntactic and semantic clues	20030603	
US 6567775 B1	Fusion of audio and video based speaker identification for multimedia information access	20030520	704/231
US 6557145 B2	Method for design optimization using logical and physical information	20030429	716/2
US 6549879 B1	Determining optimal well locations from a 3D reservoir model	20030415	703/10
US 6546073 B1	Systems and methods for global optimization of treatment planning for external beam radiation	20030408	378/65
US 6542546 B1	Adaptable compressed bitstream transcoder	20030401	375/240.12
US 6535865 B1	Automated diagnosis of printer systems using Bayesian networks	20030318	706/52
US 6530873 B1	Brachytherapy treatment planning method and apparatus	20030311	600/1
US 6505475 B1	Method and apparatus for measuring and improving efficiency in refrigeration systems	20030114	62/192
US 6493386 B1	Object based bitstream transcoder	20021210	375/240.1
US 6490320 B1	Adaptable bitstream video delivery system	20021203	375/240.08
US 6473084 B1	Prediction input	20021029	345/440
US 6400828 B2	Canonical correlation analysis of image/control-point location coupling for the automatic locatio	20020604	382/100
US 6371916 B1	Acoustic analysis of bone using point-source-like transducers	20020416	600/449
US 6263334 B1	Density-based indexing method for efficient execution of high dimensional nearest-neighbor qu	20010717	707/5
US 6240399 B1	System and method for optimizing investment location	20010529	705/36
US 6188776 B1	Principle component analysis of images for the automatic location of control points	20010213	382/100
US 6182014 B1	Method and system for optimizing logistical operations in land seismic surveys	20010130	702/14
US 6169981 B1	3-brain architecture for an intelligent decision and control system	20010102	706/23
US 6151566 A	Piecewise continuous control of groundwater remediation	20001121	703/10

US 6148274 A	Optimization adjusting method and optimization adjusting apparatus	20001114	703/6
US 6128607 A	Computer implemented machine learning method and system	20001003	706/13
US 6124597 A	Method and devices for laser induced fluorescence attenuation spectroscopy	20000926	250/461.2
US 6081766 A	Machine-learning approach to modeling biological activity for molecular design and to modeling	20000627	702/27
US 6049774 A	Machine, method and medium for dynamic optimization for resource allocation	20000411	705/8
US 6031984 A	Method and apparatus for optimizing constraint models	20000229	703/2
US 6015383 A	Apparatus and method for acoustic analysis of bone	20000118	600/437
US 6004015 A	Optimization adjusting method and optimization adjusting apparatus	19991221	700/28
US 5987444 A	Robust neutral systems	19991116	706/25
US 5949989 A	Method of designing and developing engine induction systems which minimize engine source n	19990907	703/8
US 5930780 A	Distributed genetic programming	19990727	706/13
US 5930762 A	Computer aided risk management in multiple-parameter physical systems	19990727	705/7
US 5930749 A	Monitoring, identification, and selection of audio signal poles with characteristic behaviors, for s	19990727	704/228
US 5924066 A	System and method for classifying a speech signal	19990713	704/232
US 5918200 A	State estimating apparatus	19990629	702/180
US 5862513 A	Systems and methods for forward modeling of well logging tool responses	19990119	702/9
US 5857462 A	Systematic wavelength selection for improved multivariate spectral analysis	19990112	600/310
US 5825978 A	Method and apparatus for speech recognition using optimized partial mixture tying of HMM stat	19981020	704/256
US 5815394 A	Method and apparatus for efficient design automation and optimization, and structure produced	19980929	700/97
US 5813798 A	Piecewise continuous control of groundwater remediation	19980929	405/52
US 5809490 A	Apparatus and method for selecting a working data set for model development	19980915	706/16
US 5796920 A	Multiprocessor system and method for identification and adaptive control of dynamic systems	19980818	706/20
US 5790692 A	Method and means of least squares designed filters for image segmentation in scanning cytom	19980804	382/133
US 5720290 A	Apparatus and method for acoustic analysis of bone using optimized functions of spectral and t	19980224	600/449
US 5680513 A	Series parallel approach to identification of dynamic systems	19971021	706/23
US 5668717 A	Method and apparatus for model-free optimal signal timing for system-wide traffic control	19970916	700/51
US 5600753 A	Speech recognition by neural network adapted to reference pattern learning	19970204	704/200
US 5592943 A	Apparatus and method for acoustic analysis of bone using optimized functions of spectral and t	19970114	600/449
US 5587897 A	Optimization device	19961224	700/28
US 5579436 A	Recognition unit model training based on competing word and word string models	19961126	704/244
US 5566092 A	Machine fault diagnostics system and method	19961015	702/185
US 5526281 A	Machine-learning approach to modeling biological activity for molecular design and to modeling	19960611	702/22
US 5435309 A	Systematic wavelength selection for improved multivariate spectral analysis	19950725	600/310
US 5377307 A	System and method of global optimization using artificial neural networks	19941227	706/19
US 20030088320 A	Selecting near optimal or optimal mathematicalal model from set of candidate models, such as	20030508	